

AMENDMENTS TO THE CLAIMS

1-29. (canceled)

30. (currently amended) A process for the production of triacylglycerol, comprising: growing a transgenic plant cell or a yeast cell, a fungi, or a plant ~~which~~ containing

(i) the nucleotide sequence of SEQ ID NO: 1 from *Saccharomyces cerevisiae*, or

(ii) the nucleotide sequence that is 95% identical to said SEQ ID NO:1, wherein the nucleotide sequence of (i) and (ii) encode an enzyme (SEQ ID NO:2) that catalyzes in an acyl-CoA-independent reaction the transfer of fatty acids from phospholipids to diacylglycerol in the biosynthetic pathway for the production of triacylglycerol.

31. (currently amended) A method of producing triacylglycerol ~~and/or~~ or triacylglycerols with uncommon fatty acids ~~which~~ comprising:

transforming a plant cell or a yeast cell, a fungi, or a plant which produces uncommon fatty acids with

(i) the nucleotide sequence of SEQ ID NO: 1 from *Saccharomyces cerevisiae*, or

(ii) the nucleotide sequence that is 95% identical to said SEQ ID NO:1, wherein the nucleotide sequence of (i) and (ii) encode SEQ ID NO: 2 whereby the transformation results in the production of an enzyme (SEQ ID NO: 2) that catalyzes in an acyl-CoA-independent reaction the transfer of fatty acids from phospholipids to diacylglycerol in the biosynthetic pathway for the production of triacylglycerol ~~and/or~~ or triacylglycerols with uncommon fatty acids.

32. (currently amended) A method of producing triacylglycerol ~~and/or~~ or triacylglycerols for increasing the oil content of an organism or cell comprising:

transfecting a plant cell or a yeast cell, a fungi, or a plant with

(i) the nucleotide of sequence of SEQ ID NO: 1 from *S. cerevisiae*, or

(ii) the nucleotide sequence 95% identical to said SEQ ID NO:1,

wherein the nucleotide sequence of (i) and (ii) encodes SEQ ID NO: 2 whereby the transformation results in the production of an enzyme (SEQ ID NO: 2) that catalyzes in an acyl-CoA-independent reaction the transfer of fatty acids from phospholipids to diacylglycerol in the biosynthetic pathway for the production of triacylglycerol ~~and/or~~ or triacylglycerols thereby increasing the oil content of ~~an organism~~ the plant cell or the yeast cell, the fungi, or the plant.

33-37. (canceled)

38. (Previously Presented) The method of claim 32 wherein the oil content is increased in seeds.

39. (Previously Presented) The process of claim 30 wherein the process comprises the step of growing a transgenic plant or yeast cell, or plant.

40. (Previously Presented) The method of claim 31 wherein the method comprises the step of transforming a transgenic plant or yeast cell, or plant.

41. (Previously Presented) The method of claim 32 wherein the method comprises the step of transfecting a transgenic plant or yeast cell, or plant.

42. (Previously Presented) The method of claim 31 wherein the uncommon fatty acids are in the form of phospholipids.